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DATE: July 27, 2007

PTO IDENTIFIER: Application Number 10/799,187-Conf. #8478
Patent Number

Inventor: David L. Detlefs

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

FROM: OSHA · LIANG LLP

Robert P. Lord

PHONE: (408) 727-0600

Attorney Dkt #: 33226/983001; SUN040079

PAGES (Including Cover Sheet): 22

CONTENTS: Transmittal (1 page)
Transmittal Letter (2 pages)
Revocation and Substitute under 37 CFR §1.36 with attached Appendix A (17 pages)
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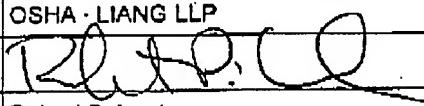
(To be used for all correspondence after initial filing)

		Application Number	10/799,187-Conf. #8478
		Filing Date	March 12, 2004
		First Named Inventor	David L. Detlefs
		Art Unit	2167
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	21	Attorney Docket Number	33226/983001; SUN040079

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Attestation(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Transmittal Letter (2 pages) Certificate to Transmission (1 page)
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	OSHA LIANG LLP		
Signature			
Printed name	Robert P. Lord		
Date	July 27, 2007	Reg. No.	46,479

**RECEIVED
CENTRAL FAX CENTER****JUL 27 2007**Docket No.: 33226/983001; SUN040079
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:
David L. Detlefs**Application No.: 10/799,187****Confirmation No.: 8478****Filed: March 12, 2004****Art Unit: 2167****For: CONCURRENT-MARKING-INITIATION
HEURISTIC****Examiner: Not Yet Assigned****TRANSMITTAL LETTER****Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450****Dear Sir:**

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

1. Transmittal (1 page);
2. Revocation and Substitute under 37 CFR §1.36 with attached Appendix A (17 pages); and
3. Certificate of Transmission (1 page).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in

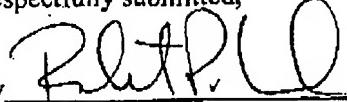
Application No.: 10/799,187

Docket No.: 33226/983001; SUN040079

this application by this firm) to our Deposit Account No. 50-0591, under Order No. 33226/983001; SUN040079.

Dated: July 27, 2007

Respectfully submitted,

By 

Robert P. Lord

Registration No.: 46,479

OSHA LIANG LLP

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Santa Clara, California 95054

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JUL 27 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Name of Applicant and Assignee:
Address of Applicant and Assignee:

SUN MICROSYSTEMS, INC.
4150 Network Circle
Santa Clara, CA 95054

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

REVOCATION AND SUBSTITUTION
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

32615

PATENT TRADEMARK OFFICE

Customer Number 32615

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

Robert P. Lord
OSHA • LIANG LLP
1221 McKinney Street, Suite 2800
Houston, Texas 77010
Telephone No.: (713) 228-8600
Facsimile No.: (713) 228-8778

Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the sixteen patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature: Joseph A. Twarowski Dated: Dec. 20, 2006
Name: Joseph A. Twarowski
Title: Assistant General Counsel
Sun Microsystems, Inc.

197121_1

JUL 27 2007

APPENDIX A**1. Patent Application/Serial No.: 10/799,049****Title:** GARBAGE-FIRST GARBAGE
COLLECTION**Filed:** 3/12/2004**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 015079/0946**Reference No:** 33226/940001; SUN040074**2. Patent Application/Serial No.: 10/394,813****Title:** ELISION OF WRITE BARRIERS FOR
STORES WHOES VALUES ARE IN
CLOSE PROXIMITY**Filed:** 3/21/2003**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 013905/0661**Reference No:** 33227/023001; P7479**3. Patent Application/Serial No.: 09/551,113****Title:** CONCURRENT SHARED OBJECT
IMPLEMENTED USING A LINKED-
LIST WITH AMORTIZED NODE
ALLOCATION**Filed:** 4/18/2000**Applicant:** Sun Microsystems, Inc.**Reference No:** 33226/960000; P4665

CENTRAL FAX CENTER**JUL 27 2007**

4. Patent Application/Serial No.: 10/664,799
Title: BLINDED ENCRYPTION AND DECRYPTION
Filed: 9/18/2003
Applicant: Sun Microsystems, Inc.
Reference No: 33227/009001
5. Patent Application/Serial No.: 10/313,878
Patent No.: 7,143,124
Title: DECTION OF DEAD REGIONS DURING INCREMENTAL COLLECTION
Filed: 12/6/2002
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 013559/0709
Reference No: 33226/977001; P8275
6. Patent Application/Serial No.: 09/547,288
Title: MAINTAINING A DOUBLE-ENDED QUEUE IN A CONTIGUOUS ARRAY WITH CONCURRENT NON-BLOCKING INSERT AND REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWP PRIMITIVE
Filed: 4/11/2000
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 010712/0617
Reference No: 33226/959002; P4663

7. Patent Application/Serial No.: 10/861,704

Title: THREAD SUSPENSION SYSTEM AND
METHOD

Filed: 6/4/2004

Applicant: Sun Microsystems, Inc.

Reference No: 33226/955002; P2927 C

8. Patent Application/Serial No.: 09/454,427

Title: DYNAMIC EMBEDDING OF LITERAL
OBJECT DATA IN SUPPLIED
INSTANCE OF INFORMATION
OBJECT

Filed: 12/3/1999

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 010448/0577

Reference No: 33226/956001; P3916

9. Patent Application/Serial No.: 11/099,720

Title: SEQUENTIALLY PERFORMED
COMPARE-AND-SWAP

Filed: 4/6/2005

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 016661/0899

Reference No: 33226/962002; P4667-US-DIV-1

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10. Patent Application/Serial No.: 09/710,218

Patent No.: 7,117,502

**Title: LINKED-LIST IMPLEMENTATION OF
DATA STRUCTURE WITH
CONCURRENT NON-BLOCKING
INSERT AND REMOVE OPERATIONS**

Filed: 11/10/2000

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 011305/0889

Reference No: 33226/963001; P4896

11. Patent Application/Serial No.: 10/996,508

**Title: WORK-STEALING QUEUES FOR
PARALLEL GARBAGE COLLECTION**

Filed: 11/23/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 011270/0285

Reference No: 33226/964002; P4946C1

12. Patent Application/Serial No.: 60/204,184

**Title: PARALLEL GARBAGE COLLECTION
FOR SHARED MEMORY
MULTIPROCESSORS**

Filed: 5/15/2000

Applicant: Sun Microsystems, Inc.

Reference No: 33226/964000; P4948

13. Patent Application/Serial No.: 09/697,729

Patent No.: 6,823,351

Title: WORK-STEALING QUEUES FOR
PARALLEL GARBAGE COLLECTION

Filed: 10/26/2000

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 011270/0285

Reference No.: 33226/964001; P4946

14. Patent Application/Serial No.: 09/893,256

Patent No.: 7,103,887

Title: LOAD-BALANCING QUEUES
EMPLOYING LIFO/FIFO WORK
STEALING

Filed: 6/27/2001

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 011943/0085

Reference No.: 33226/966001; P5388

15. Patent Application/Serial No.: 10/166,874

Title: PREFETCHING TECHNIQUES FOR
NETWORK INTERFACES

Filed: 6/11/2002

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 013001/0641

Reference No.: 33226/967001; P7322

**RECEIVED
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WRITE BARRIERS FOR A GARBAGE-
COLLECTED HEAP****Filed: 10/3/2003****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 014590/0742****Reference No: 33226/971001; P7863****17. Patent Application/Serial No.: 10/653,828****Title: SHARED SYNCHRONIZED SKIP-LIST
DATA STRUCTURE AND
TECHNIQUE EMPLOYING
LINEARIZABLE OPERATIONS****Filed: 9/3/2003****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 014483/0341****Reference No: 33226/972001; P7982****18. Patent Application/Serial No.: 10/991,148****Title: USE OF MEMORY PROTECTION TO
IMPLEMENT REPLICATING
COLLECTION IN A INCREMENTAL,
COPYING GARBAGE COLLECTOR****Filed: 11/17/2004****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 016007/0616****Reference No: 33226/974001; P8226**

19. Patent Application/Serial No.: 10/881,101

Title: USING CLASS PROPERTIES TO DEGREGATE OBJECTS IN A GENERATION MANAGED BY THE TRAIN ALGORITHM

Filed: 6/30/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015539/0072

Reference No: 33226/975001; P8231

20. Patent Application/Serial No.: 11/021,287

Title: METHOD AND APPARATUS FOR FORWARDING REFERENCES TO OBJECTS CONCURRENTLY WITH SPACE-INCREMENTAL GARBAGE COLLECTION

Filed: 12/23/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015627/0335

Reference No: 33226/976001; P8274

21. Patent Application/Serial No.: 10/313,878

Patent No.: 7,143,124

Title: DETECTION OF DEAD REGIONS DURING INCREMENTAL COLLECTION

Filed: 12/6/2002

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 013559/0709

Reference No: 33226/977001; P8275

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EVACUATED OBJECTS IN A
GENERATION MANAGED BY THE
TRAIN ALGORITHM****Filed: 8/31/2004****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 015782/0538****Reference No: 33226/978001; P8276****23. Patent Application/Serial No.: 10/391,405****Title: PARALLEL CACHING OF
INSERTIONS INTO REMEMBERED
SETS****Filed: 3/18/2003****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 013890/0128****Reference No: 33226/979001; P8303****24. Patent Application/Serial No.: 11/131,827****Title: METHOD AND APPARATUS FOR
CONCURRENTLY PROCESSING
REMEMBERED SETS IN A SPACE-
INCREMENTAL GARBAGE
COLLECTOR****Filed: 5/18/2005****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 016366/0209****Reference No: 33226/981001; P8317**

25. Patent Application/Serial No.: 10/309,503

Patent No.: 7,136,887

Title: METHOD AND MECHANISM FOR FINDING REFERENCES IN A CARD IN TIME LINEAR IN THE SIZE OF THE CARD IN A GARBAGE-COLLECTED HEAP

Filed: 12/4/2002

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 013550/0405

Reference No.: 33226/982001; P8318

26. Patent Application/Serial No.: 10/799,186

Title: EXPLOITING POPULAR OBJECTS TO REDUCE MUTATOR OVERHEAD

Filed: 3/12/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015091/0736

Reference No.: 33226/984001; SUN040081

27. Patent Application/Serial No.: 10/986,527

Title: EXPLOITING POPULAR OBJECTS TO REDUCE MUTATOR OVERHEAD

Filed: 11/11/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015983/0321

Reference No.: 33226/984002; SUN040081

JUL 27 2007**28. Patent Application/Serial No.:** 10/799,187**Title:** CONCURRENT-MARKING-INITIATION HEURISTIC**Filed:** 3/12/2004**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 015095/0376**Reference No.:** 33226/983001; SUN040079**29. Patent Application/Serial No.:** 10/986,401**Title:** CONCURRENT-MARKING-INITIATION HEURISTIC**Filed:** 11/11/2004**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 016020/0320**Reference No.:** 33226/983002; SUN040079-CIP**30. Patent Application/Serial No.:** 11/090,398**Title:** METHOD AND APPARATUS FOR SWITCHING BETWEEN PER-THREAD AND PER-PROCESSOR RESOURCE POOLS IN MULTI-THREADED PROGRAMS**Filed:** 3/25/2005**Applicant:** Sun Microsystems, Inc.**Reel/Frame No.:** 016300/0319**Reference No.:** 33226/987001; SUN040951

31. Patent Application/Serial No.: 11/215,510

Title: METHOD AND APPARATUS FOR
SELECTIVELY ELIMINATING WRITE
BARRIERS IN SNAPSHOT-AT-THE-
BEGINNING CONCURRENT-
MARKING GARBAGE COLLECTORS

Filed: 8/30/2005

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 016542/0156

Reference No.: 33226/989001; SUN041094

32. Patent Application/Serial No.: 11/128,791

Title: METHOD AND APPARATUS FOR
REDUCING REMEMBERED SET
OVERHEAD IN A GENERATIONAL
GARBAGE COLLECTOR BY
CONSTRAINING COLLECTION SET
CHOICE

Filed: 5/13/2005

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 016336/0241

Reference No.: 33226/990001; SUN041424

33. Patent Application/Serial No.: 11/021,260

Title: METHOD AND APPARATUS FOR
ISOLATING SELECTED HEAP
OBJECTS USING A FAULTING
ADDRESS TRAP

Filed: 12/23/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015627/0286

Reference No.: 33226/991001; SUN041505

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CENTRAL FAX CENTER****JUL 27 2007****34. Patent Application/Serial No.: 11/091,611****Title: METHOD AND APPARATUS FOR
IMPROVING PARALLEL MARKING
GARBAGE COLLECTORS THAT USE
EXTERNAL BITMAPS****Filed: 3/28/2005****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 016082/0276****Reference No: 33226/992001; SUN050023****35. Patent Application/Serial No.: 11/091,032****Title: METHOD AND APPARATUS FOR
RECORDING MODIFIED REFERENCE
LOCATIONS IN GARBAGE-
COLLECTED HEAP MEMORY****Filed: 3/28/2005****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 016082/0191****Reference No: 33226/993001; SUN050025****36. Patent Application/Serial No.: 11/218,145****Title: METHOD AND APPARATUS FOR
DYNAMICALLY PRE-TENURING
OBJECTS IN A GENERATIONAL
GARBAGE COLLECTION SYSTEM****Filed: 9/1/2005****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 016542/0121****Reference No: 33226/994001; SUN050202**

JUL 27 2007**37. Patent Application/Serial No.: 11/218,179**

Title: METHOD AND APPARATUS FOR BYTE ALLOCATION ACCOUNTING IN A SYSTEM HAVING A MULTI-THREADED APPLICATION AND A GENERATIONAL GARBAGE COLLECTOR THAT DYNAMICALLY PRE-TENURES OBJECTS

Filed: 9/1/2005

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 016542/0109

Reference No.: 33226/995001; SUN050203

38. Patent Application/Serial No.: 11/474,599

Title: APPARATUS AND METHOD FOR COORDINATED VIEWS OF CLUSTERED DATA

Filed: 6/26/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017917/0010

Reference No.: 33226/996001; SUN050482

39. Patent Application/Serial No.: 11/477,021

Title: METHOD AND APPARATUS FOR SEARCHING AND RESOURCE DISCOVERY IN A DISTRIBUTED ENTERPRISE SYSTEM

Filed: 6/28/2006

Applicant: Sun Microsystems, Inc.

Reference No.: 33226/997001; SUN050600

**RECEIVED
CENTRAL FAX CENTER****JUL 27 2007****40. Patent Application/Serial No.: 11/413,641****Title: METHOD AND APPARATUS FOR
BROWSING SEARCH RESULTS VIA A
VIRTUAL FILE SYSTEM****Filed: 4/28/2006****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 017754/0711****Reference No: 33226/998001; SUN050633****41. Patent Application/Serial No.: 11/182,539****Title: METHOD AND APPARATUS FOR
GENERATING MEDIA PLAYLISTS BY
DEFINING PATHS THROUGH MEDIA
SIMILARITY SPACE****Filed: 7/15/2005****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 016366/0563****Reference No: 33226/999001; SUN050732****42. Patent Application/Serial No.: 10/800,363****Title: MIXING COPYING COLLECTION
AND CONCURRENT MARKING****Filed: 3/12/2004****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 015983/0314****Reference No: 33226/938000; SUN040073**

**RECEIVED
CENTRAL FAX CENTER****JUL 27 2007****43. Patent Application/Serial No.: 09/837,669****Patent No.: 7,017,160****Title: CONCURRENT SHARED OBJECT
IMPLEMENTED USING A LINKED-
LIST WITH AMORTIZED NODE
ALLOCATION****Filed: 4/18/2001****Applicant: Sun Microsystems, Inc.****Reel/Frame No.: 011734/0644****Reference No: 33226/960001; P4665-CIP-0****44. Patent Application/Serial No.: 11/384,627****Title: CONCURRENCY TECHNIQUE FOR
SHARED OBJECTS****Filed: 3/20/2006****Applicant: Sun Microsystems, Inc.****Reference No: 33226/960002; P4665US-CON-0**

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Application No. (If known): 10/986,527

Attorney Docket No.: 33226/984002; SUN040081

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Application No. (if known): 10/799,187

Attorney Docket No.: 33226/983001; SUN04DD79

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